

1990 sequence listing  
SEQUENCE LISTING

<110> Novartis  
<120> Expression of trehalose biosynthetic genes in plants  
<130> trehalose  
<140>  
<141>  
<150> CGC1990/PROV  
<151> 1998-03-11  
<160> 38  
<170> PatentIn Ver. 2.0  
<210> 1  
<211> 37  
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<223> Description of Artificial Sequence:  
oligonucleotide  
<400> 1  
gtcagccatg gcaagtgcgtt tagtcgttagt atctaac 37  
<210> 2  
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oligonucleotide  
<400> 2  
gcaaattggca acaggtgata atcg 24  
<210> 3  
<211> 33  
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<400> 3  
gtcagccatg gtgacagaac cgttaaccga aac 33  
<210> 4  
<211> 24  
<212> DNA  
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<223> Description of Artificial Sequence:  
oligonucleotide

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<400> 4 gtgcgtcaag ctccaccatt gagc	24
<210> 5 <211> 28 <212> DNA <213> Artificial Sequence	
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<400> 5 taacggccgc gcccaatcat tccggata	28
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<210> 9 <211> 30 <212> DNA <213> Artificial Sequence	
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<210> 10  
<211> 45  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence:  
oligonucleotide

<400> 10  
gccttcatga tccctcccta caactatcca ggcgcttcag attcg 45

<210> 11  
<211> 26  
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<400> 11  
cgcgactagt tcaaccgaaa ttcaat 26

<210> 12  
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<400> 12  
cgctctgcag ttcaatggaa gcaatg 26

<210> 13  
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<212> DNA  
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oligonucleotide

<400> 13  
accgtaaggc ttgatgaa 18

<210> 14  
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<400> 14  
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<210> 15  
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<400> 15

cccgaaattca tccccgaaaa ttaata

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<210> 16

<211> 33

<212> DNA

<213> Artificial Sequence

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<400> 16

cggccatggg tatatatcct tcttaaagtt aaa

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<400> 17

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<210> 18

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<400> 18

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<210> 19

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<212> DNA

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oligonucleotide

<400> 19

gcgacttagt agtgttagtc taaatctagt t

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<210> 20

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:  
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<400> 20  
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<210> 21  
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<400> 21  
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<210> 22  
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<212> DNA  
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oligonucleotide

<400> 22  
agcttcccccc cccccccccc cccca 24

<210> 23  
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<212> DNA  
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<400> 23  
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<210> 24  
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<400> 24  
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<210> 25  
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1990 sequence listing

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<400> 28 gttcgcccga taaagggag	19
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<210> 31  
<211> 67  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
oligonucleotide

<400> 31  
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<210> 32  
<211> 67  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence:  
oligonucleotide

<400> 32  
catgatttc tccccttctt aaacttaaac aaaattattt ctagaggaa accgttgtgg 60  
tctccca 67

<210> 33  
<211> 31  
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oligonucleotide

<400> 33  
gcggaattca tacttattta tcattagaaa g 31

<210> 34  
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oligonucleotide

<400> 34  
gcgccatggt aatgaaaga aagaactaaa 30

<210> 35  
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<212> DNA  
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<400> 35  
gcgtcttagat caaccgaaat tcaattaagg 30

<210> 36

1990 sequence listing

<211> 27

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oligonucleotide

<400> 36

cgcaagcttc aatggaagca atgataa

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<210> 37

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<400> 37

catggcttcc tcagttcttt cctctgca

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<210> 38

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial sequence:  
oligonucleotide

<400> 38

gaggaaagaa ctgaggaagc

20

Case S-30427/A/CGC1990

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